

Soc Virnly Estela

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Technical Writer and Software Developer | Rust, Go, Typescript, Javascript, Python

Technical Skills

- **Programming Languages:** Bash (for shell scripting and automation), Python, Rust, Golang, Typescript/Javascript (for web development with NodeJS and Deno), Julia (for data analyses), HTML/CSS, Typst (similar to LaTeX; used for writing personal documents such as this CV)
- **Web Development:** NodeJS, Deno, Yarn, React, Redux Toolkit, Preact, Hono, Oak, ExpressJS, ViteJS, NextJS
- **Tools:** Git, Github, Github Actions, Woodpecker CI, Trello, VSCode, Vim/Neovim, Kakoune (main code editor), Linux package managers (Zypper, Pacman, DNF, Apt), Distrobox (CLI frontend for podman and docker), Linux (Ubuntu, openSUSE, Fedora)

Professional and Work Experience

Technical Content Developer — TRIBE | 📍 Singapore

📅 Mar 2024 - June 2025

Boosted number of learners, from **300 to 1000+** on the **StackUp platform** through tutorials on key technologies (**React**, **Node.js**, **Rust**, **Deno**), and as a mentor and community member.

- **Rust Pathway:** a series of **Rust** tutorials and campaigns
- **Fuel Up Your API Development with Hono and Deno:** a introductory tutorial for backend development and authentication using **Hono** and **Deno**.
- **The Deno Learning Modules:** A series of tutorials using **Deno** as the Javascript runtime for web development.
- **Learn authentication and authorisation with ExpressJS:** a introductory tutorial for backend development using **Node.js** and **ExpressJS**.
- **StackUp Forums:** a microblogging project using blockchain to store posts and comments with **Solidity**, **React**, **viem**, **wagmi**, **foundry**, and **Typescript**.

Science Instructor — Misamis University | 📍 Philippines

📅 Jul 2022 - Mar 2024

Organization Admin/Member — Waycrate

📅 2022 - present

A community of open-source enthusiasts and contributors.

- **Became a Mentor Organization for Google Summer of Code:** **Google Summer of Code 2024** and **Google Summer of Code 2025**
- **Inspired** new developers to **participate** and **contribute** to **open-source**.

Member and Volunteer Packager 🐧 openSUSE

📅 2021 - present

A **Linux community** of desktop users, developers and open-source contributors.

- **Software Packager** of **100+ software packages** for the openSUSE project: <https://build.opensuse.org/users/uncomfyhalomacro>.

Core Developer/Maintainer — OBS Service Cargo | 📧 GitHub

📅 2022 - present

Automation tool for **Rust software packaging** written in **Rust** with **100% test coverage**.

- The **ONLY** tool for <https://build.opensuse.org> to **automate packaging** of **Rust** software in openSUSE.

Core Developer/Maintainer — Bunny | 📧 GitHub

📅 July 2025

A **markdown parser library and static site generator** written in **Hare**, a systems programming language.

- **Won 1st place** with <https://github.com/uncomfyhalomacro/bunny> in the amateur category of **Boot.dev 2025 Hackathon**.

Core Developer/Maintainer — Roast | 📧 GitHub

📅 2024 - present

Archiving tool written in **Rust** using test-driven development. Supports **GZ**, **ZSTD**, **XZ** and **BZ** compression.

- Achieved **70% increase in performance**, shortening the time to create highly compressed archive tarballs.
- Has **100% test coverage** to ensure consistent behaviour such as deterministic creation of tar archives.

Education

Programmer/Software Developer (self-taught)

📅 2020 - present

- Learned fundamentals of **backend development** at **Boot.dev** as **professional development certification or course**.
- Progress and certificates at **Boot.dev:** <https://www.boot.dev/u/uncomfyhalomacro>.

BSc. in Biology (Microbiology) @ Mindanao State University - Iligan Institute of Technology | 📍 Philippines

📅 2018 - 2022

Academic Distinction: *Cum Laude* **GPA 1.593**